

Abstract:

**Process for preparing monoalkyltin halides and
dialkyltin halides and their use**

The invention relates to a process for the direct preparation of mixtures of monoalkyltin trichlorides RSnCl_3 and dialkyltin dichlorides R_2SnCl_2 in one reaction step by partial alkylation of tin tetrachloride using alkylaluminum compounds in the form of their ether donor complexes, wherein an amount of ether greater than that required for stoichiometric formation of the donor complex is used in the reaction.